

Apex Machine Group

4700 Olson Memorial Highway

Golden Valley, MN 55422

Phone: (855) 500-2739



Proposal of Apex Machine Group EZ3760M

37" Wide Metalworking EZ Sander

(Shown with Optional PWDC-5 Wet Dust Collector)



THIS PROPOSAL/QUOTATION IS SUBMITTED WITH THE UNDERSTANDING THAT PRICING, DELIVERY, ENGINEERING, DESIGN, TECHNICAL AND OPERATIONAL DETAIL ARE CONFIDENTIAL TO APEX MACHINE GROUP AND SHALL NOT BE PASSED ON TO ANYONE OTHER THAN THE EMPLOYEES OF THE COMPANY RECEIVING THIS PROPOSAL/QUOTATION WHO HAVE A NEED FOR SUCH INFORMATION.

A Beautifully Consistent Finish Every Time

The Apex EZ Sander is a cost-effective way to finally upgrade your deburring and finishing operations, moving away from time-consuming hand grinding. With just a quick change of the abrasive belt, this compact machine can remove slag/dross, grind vertical burrs, or straight grain finishing (including some mill scale removal).

The EZ Sander was developed to fit the needs of both small metalworking shops, as well as, large production facilities looking for an easy way to run small projects “off-line” from their main production flow. With a small footprint and the ability to mount on casters, this machine is portable enough to fit almost any shop. Don’t let the small size fool you, the EZ Sander is loaded with features and is heavy-duty enough to provide years of dependable, consistent, labor saving production.



Apex Model EZ3760M

Machine Configuration and Standard Features



Click Here to See Machine in Action
<https://youtu.be/SbXnXcahJgA>

- 37" x 60" Abrasive Belts
- 6" Diameter Contact Drum
 - Serrated Rubber
 - Cam Height Adjustment
 - Dial Indicator
- Electronic Abrasive Belt Tracking
- Pneumatic Abrasive Tensioning
- Air Operated Disc Brake
- 5" Bed Opening w/Motorized Lift
- Digital Thickness Readout
- VFD Adjustable Conveyor Speed
- Heavy-duty Welded Frame
- Casters for Portability

The Model EZ3760M is a single head wide belt sander that is engineered and built with a heavy-duty welded frame for long life and durability while maintaining a small footprint. The 37" x 60" abrasive belt used on the sanding head is perfect for simple deburring and/or finish sanding of your parts. The sanding head consists of a 6" diameter cam adjustable contact drum and has enough power to get the job done. The machine is equipped with safety features to help protect the operator and the machine, including an over thick shut off system located at the infeed, air caliper disc braking for the sanding head, and switches for abrasive belt tension/mis-tracking and door interlock. When activated, the safety system stops machine motion within 5 seconds.

A Closer Look...

Centralized Control Panel

The control panel is centrally located to allow the operator easy access to properly operate and adjust the machine while loading parts onto the conveyor belt at the infeed loading area.

Motor Load Meter

The load meter reads electrical current being used by motor for the main sanding head. This analog display provides instant feedback about how hard the motor is being used, which allows an operator to easily fine-tune operating conditions.

Hour Meter

The hour meter works like the odometer of your car to keep track of how much time the machine has been in operation. This is often used for tracking preventative maintenance.

Push Button Control

It does not get easier than Red/Green buttons to Stop/Start the machine. A toggle switch is used to jog the sanding head and conveyor belt during set-up.

Conveyor Speed Control

The feed drive motor is controlled with a Variable Frequency Drive (VFD). This allows you to change how fast your parts are moving through the machine simply by turning a knob.

Digital Thickness Readout

The control panel features a digital readout used to set the height of the conveyor bed to the desired thickness. Display can be set to show either Inch or Metric and is accurate to 0.001"/0.01mm.

Motorized Bed Adjustment

A toggle switch (located below the thickness readout) activates the conveyor bed lifting motor to quickly adjust for part thickness.



Drum Head

Standard Features

37" x 60" Abrasive Belt

10 or 15 Horsepower Drive Motor

6" Diameter Serrated Rubber Drum

Cam Adjustable Drum Height w/Dial Indicator

This allows the operator to easily raise or lower the contact drum when changing to a thicker/thinner abrasive belt. A dial indicator provides instant feedback during adjustment, which allows for quick and repeatable adjustments.

It is important that the dual infeed/outfeed pinch-rolls are accurately positioned in relation to the abrasive belt, so they provide proper hold down pressure while parts are being processed. Without an easily adjustable drum, an operator would need to manually adjust the height of all 4 pinch-rolls (to maintain proper alignment) and re-calibrate the digital thickness display each time abrasive belt thickness changed.

Pneumatic Belt Tensioning

An air cylinder is used to tension the abrasive belt, which allows for fast changeover times and flexibility for your abrasives/application.

Automatic Abrasive Belt Tracking

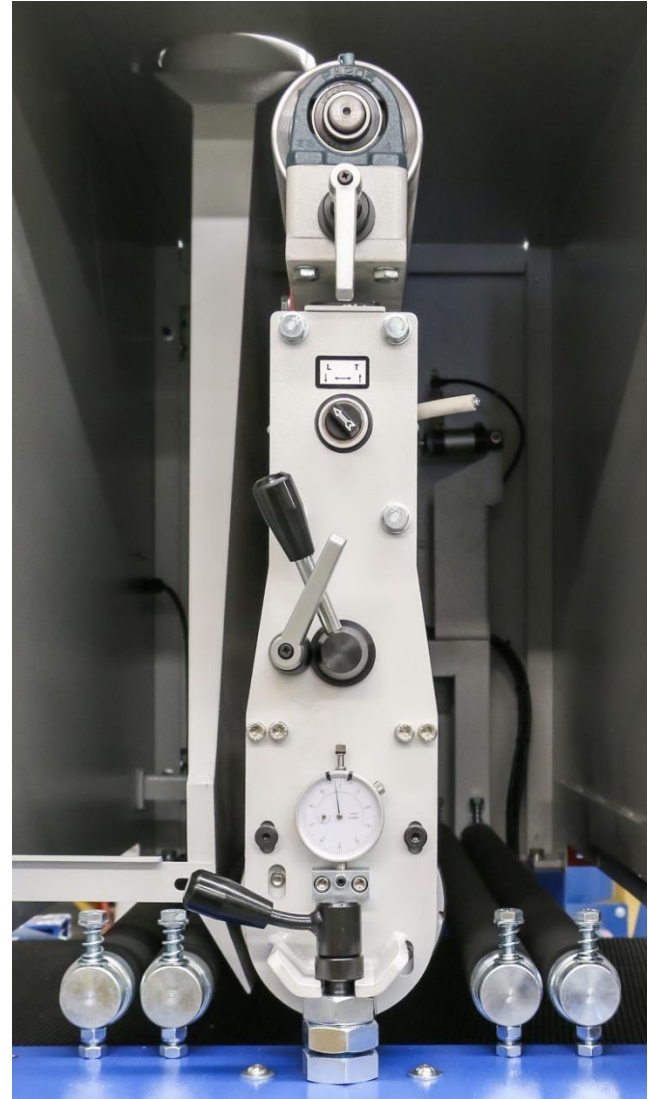
This standard feature uses an electronic emitter and receiver to sense the abrasive belt. This electronic system then activates an air cylinder which pivots the tensioning roller, moving the belt back to the center of the sanding head.

Air Operated Disc Brake

Mounted on the main motor shaft for easy maintenance, the disc brake is activated when any undesirable event occurs: Abrasive Belt Breaking or mis-tracking, an Emergency Stop is Activated, or the machine door is opened. Upon activation, the abrasive belt head will consistently stop in approximately five seconds. This braking system will not fade under continuous braking and has non-sparking, easily replaceable linings.

Dual Rubber Covered Infeed and Outfeed Hold-Down Rolls

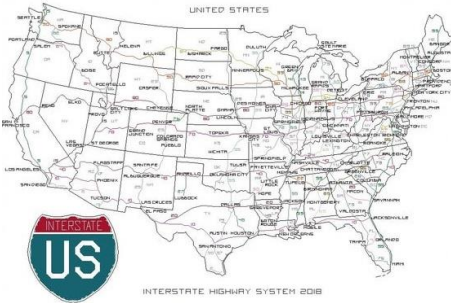
Two heat resistant rubber-covered, spring-loaded rolls are installed before and after the sanding head. Using two rollers provides maximum control to parts as they pass through the machine.



Applications

Abrasive Belt Heads are ideal for slag/dross removal, burr grinding, mill scale grinding and straight grain finishing. Abrasive media can be quickly and easily changed for specific job requirements.

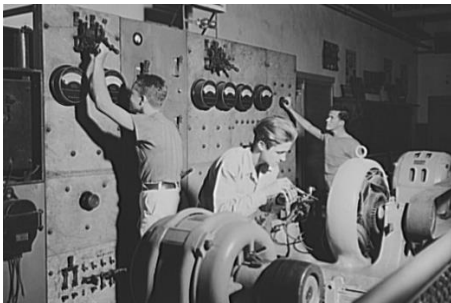
Available Options



Shipping to Customer

It is often more economical for you to arrange for the pickup of your new Apex machine with your preferred freight carrier. We are happy to work with you to make the arrangements for pickup. If you would like us to make freight arrangements for you, we can do so through one of our preferred carriers. Please call for a quote as costs frequently change, and freight quotes are typically only good for a few weeks. All of our machines are sent FOB Origin.

Call for Quote



On-Site Machine Start-up and Operator Training

An Apex Service Technician will travel to your facility to verify that your machine is aligned and operates properly. After ensuring that your machine is dialed in and ready for production; our technician will train your operators and maintenance staff to help them understand the capabilities of your new machine, as well as, best practices and procedures for their respective duties.

\$4,750.00



5 HP | Wet Dust Collector

If you don't already have a dust collector, an Apex PWDC-5 Wet Dust Collector is a perfect solution for your new EZ Sander. Using water as the filter media to capture sanding debris means there are no filter bags or socks to change. Additionally, sparks and heat are cooled by the water bath to reduce the chance of a thermal event.

The dust collector has a small footprint and is mounted on four heavy-duty casters, making it easy to move around the shop. Available in either single phase or three phase configurations and either 230 or 460 Volts, we can accommodate your shop's electrical requirements. Be sure to specify dust collector voltage/phase requirements. The wet dust collector comes with industrial grade rigid duct work to connect the EZ Sander to the collector.

\$7,595.00

Proposal Summary



2024 Pricing

Proposal Includes:	Description	Price
	Apex Model EZ3760M Machine	\$17,595.00
	Apex Model PWDC-5 Wet Dust Collector (Optional)	\$7,595.00
	EZ3760M to PWDC-5 Ducting Kit (Optional)	\$395.00
	Subtotal	\$25,585.00

Shipping \$ Quote

Total Capital Investment **\$25,585.00**

(Prices are in USD and do not include any applicable taxes due)

Ex Works: Apex Machine Group (Golden Valley, MN)

Financing Options: If you are interested in financing the EZ Sander, please click the link below:
<https://apexmachinegroup.com/resources/equipment-financing/>

Payment Terms: 50% down with order
(Subject to credit approval) 50% prior to shipment
NOTE: A 20% Cancellation Fee will be charged/withheld for all cancelled orders.
Order will be cancelled if down payment is not received within 15 days from the date of invoice

Warranty: Apex Machine Group's Standard 12 Month/2,000 Hour New Machine Warranty.
Details can be found in the "Warranty and Service" Section of this proposal.

Validity: This proposal is valid for 30 Days.

Conditions of Sale: Any purchase order issued in response to this proposal/offer to sell is considered to be Buyer's acceptance of this proposal and Apex Machine Group's General Conditions of Sale (a copy can be obtained at https://apexmachinegroup.com/Apex_GCOS.pdf or by contacting your Sales Representative).

Prepared By: John Becker

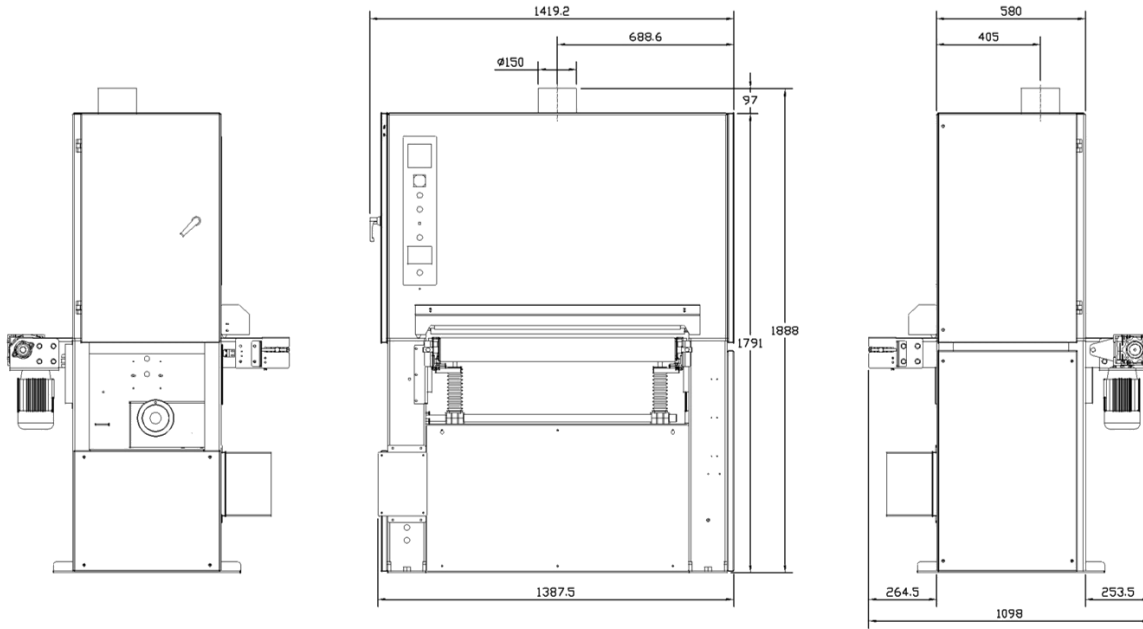
(855)500-2739 Ext. 3
jbecker@apexmachinegroup.com



Model EZ3760M

Technical Specifications

Dimensional



Footprint: 43"L x 54"W x 74"H

Machine Specifications

Abrasive Belt Size:	37" x 60"
Number of Heads:	1
Main Drive Motor:	10 HP or 15 HP
Conveyor Opening:	0 – 5"
Floor to Table Height:	31- $\frac{3}{8}$ " to 37- $\frac{3}{8}$ "
Conveyor Drive Motor:	1 HP
Feed Speed:	5 – 25 FPM
Shipping Weight:	2,150 Lbs.

Utility Requirements

Electrical	Voltage:	230V or 460V*
	Phase:	1 or 3 Phase
	Frequency:	60 Hz
	Full Load Amps:	54 FLA (230V-1) 42 FLA (230V-3) 21 FLA (460V)
Compressed Air:		2 CFM @ 90 PSI

Part Processing Limitations

Max Width:	37"
Max Thickness:	5"
Min. Length**:	12"

Notes:

* Machine is NOT dual voltage and will be wired either 230V -OR- 460V. Conversion requires the purchase and installation of additional parts.

** Minimum part length is approximate and can vary by application or optional features (ex. magnetic bed).



Machine Installation

Roles and Responsibilities

Apex Machine Group offers an optional On-Site Machine Start-up and Operator Training package. To have a successful installation, it is important that Apex Machine Group and the Customer are aware of and agree to the following responsibilities:

Customer Responsibilities

- ☐ Inspect machine upon arrival at your facility. Before signing the delivery receipt, please inspect the machine for any visible damage that may have occurred during shipping. If any damage is found, record the damage on the delivery receipt before the driver leaves. Take pictures of any damage found. If there is extensive damage, you may refuse acceptance of the machine(s).
Please call us immediately at (855) 500-2739 to notify us of the damage, so we can determine next steps.
- ☐ Uncrating and Positioning of Equipment
- ☐ Complete the electrical supply and connection to the equipment (following local electrical code)
- ☐ Complete compressed air connection to the equipment
- ☐ Supply dust collection to the machine, including ductwork between the sanding machine and the dust collector (if applicable)
- ☐ Provide a source for clean water (if wet dust collection is being used)
- ☐ All local, state, and federal approvals and/or licenses/permits
- ☐ Customer shall have all above items completed prior to the arrival of an Apex Machine Group Technician (if Start-Up and Training is being provided)
- ☐ Provide Apex Machine Group with enough notice (Greater than 2 Weeks) to allow for scheduling of On-Site Technician (Additional Fees may apply for short notice)

Apex Responsibilities

- ☐ Ensure any machine leaving the Apex facility is skidded and functionally able to hook to utilities
- ☐ Provide help and support as appropriate
- ☐ If the Optional On-Site Machine Start-up and Operator Training package was purchased:
 - An Apex Service Technician will travel to your facility
 - Verify that your machine is aligned and operates properly
 - Train customer's operators and maintenance staff

Not Included

Local electrical requirements, such as UL, may require inspection by an independent agency. The cost of any inspection or certification will be the responsibility of the customer.

Warranty and Service



NEW MACHINE WARRANTY:

Apex Machine Group warrants this product to be free from defects in workmanship and materials, under normal use and conditions, for a period of twelve (12) months or two thousand (2,000) Hours of Machine Operation, whichever comes first, from the shipment date from the Seller.

Within the warranty periods, Apex Machine Group will replace any warranted parts or components that fail due to defects in materials or workmanship. The warranty does not cover consumable items such as bearings, graphite canvas, platen felt, mis-track switch tips, fuses or other normal wear items. In the event of a warranty claim covered by this warranty, Apex Machine Group will replace warranted parts or components, and will provide a credit for the purchase price (less reasonable depreciation based upon actual use and appearance) upon return of the defective part(s) at customer's risk and expense. Any labor costs associated with the repair or replacement of the warranted part(s) are not included in the warranty coverage. Parts repaired or replaced under warranty are covered for the balance of the original machine warranty, or a standard 90-day parts warranty, whichever is longer. This warranty covers only the initial purchaser of the product.

Manufacturer or Distributor is not responsible for, and will not pay for, work done, material furnished, or repairs made by others unless agreed to in writing prior to performing work. All express delivery charges, repair labor and expenses are the responsibility of the customer.

This warranty does not apply, and such warranty claims will be denied, in the event equipment has failed due to reasons not caused by a defect in machine materials or workmanship. These reasons include, but are not limited to, improper installation, use, or maintenance of the machine.

HOW TO GET SERVICE:

Contact Apex Machine Group at (855) 500-2739, www.apexmachinegroup.com, or the dealer you purchased the machine from.

Safety Notice

The purchase, installation, use, and maintenance of this machine (or any equipment) should only be performed by properly trained personnel. The Buyer is responsible for ensuring compliance with all safety procedures, including all requirements in the Buyer's jurisdiction. This safety notice is supplemental to and is not intended to alter or replace those general terms and conditions of sale by Apex Machine Group.